

FIG. 1

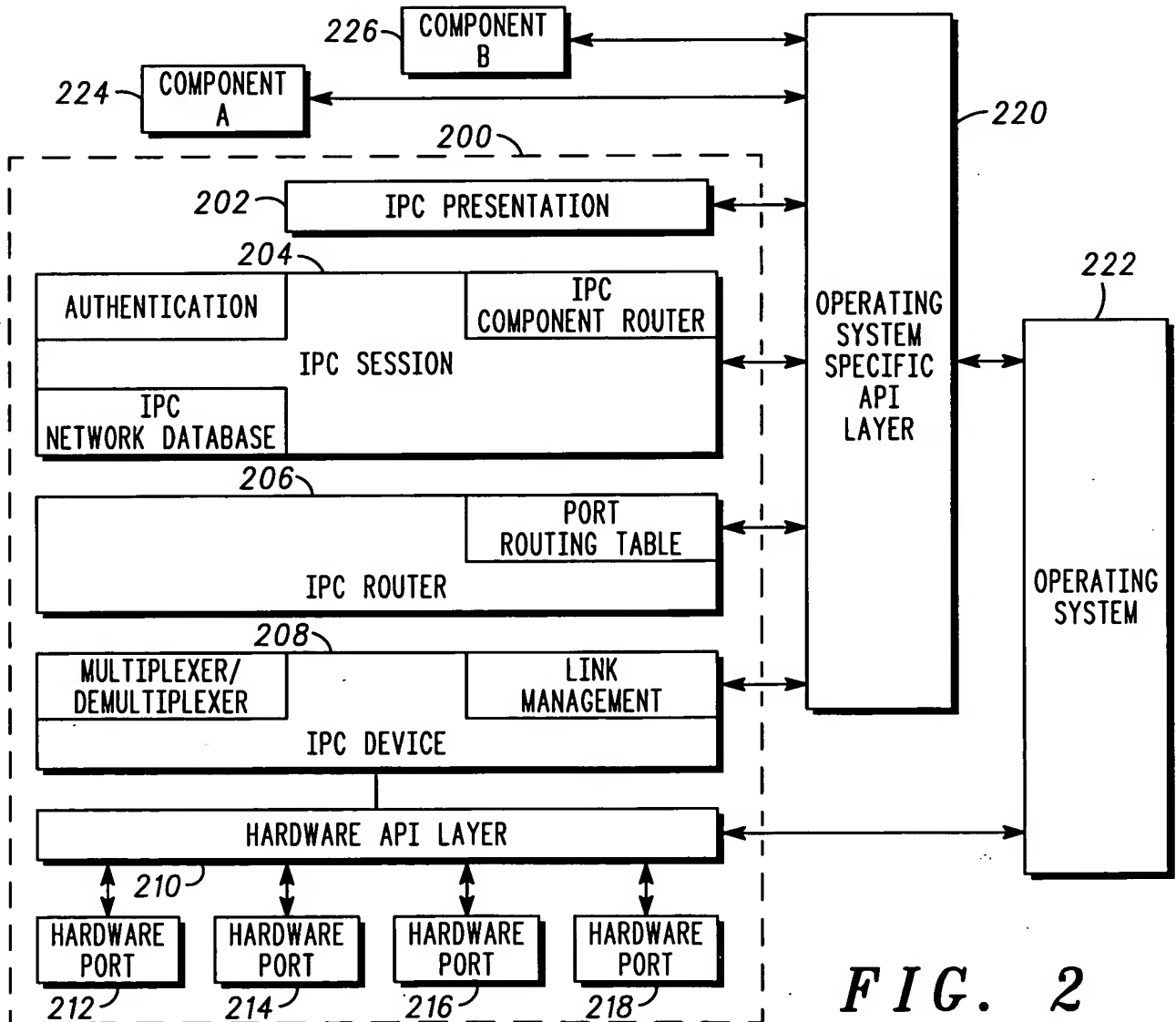


FIG. 2

2/13

FIG. 3

300

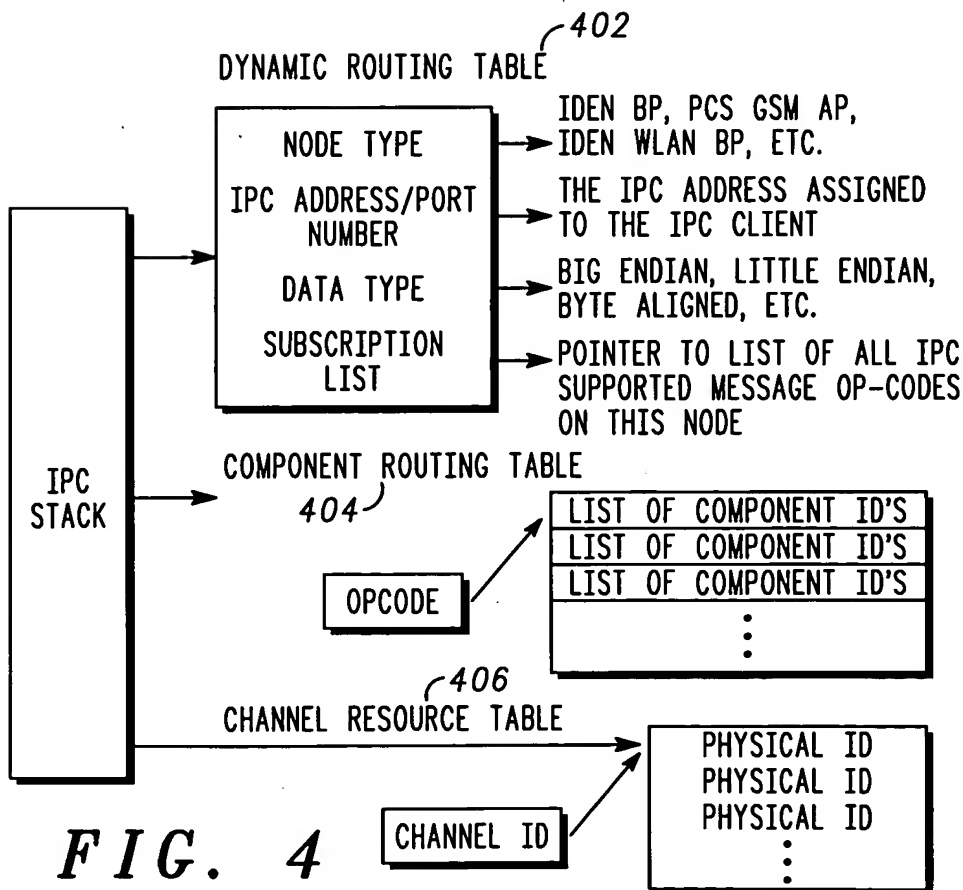
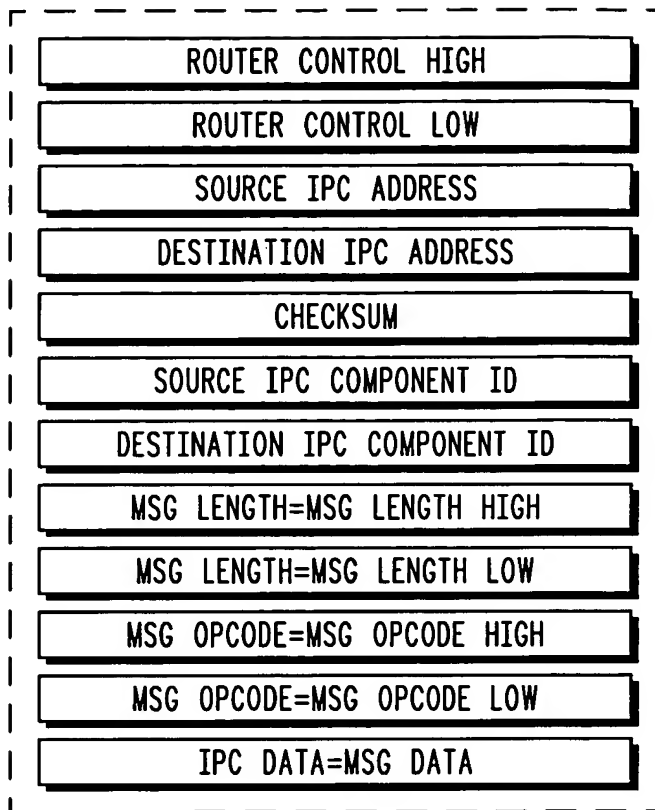


FIG. 4

3/13

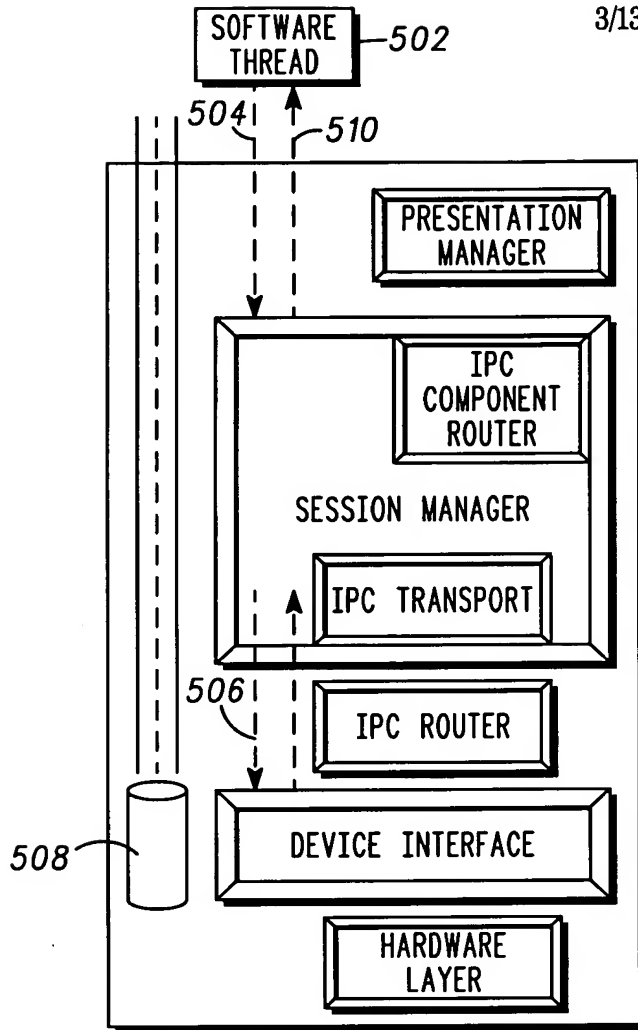


FIG. 5

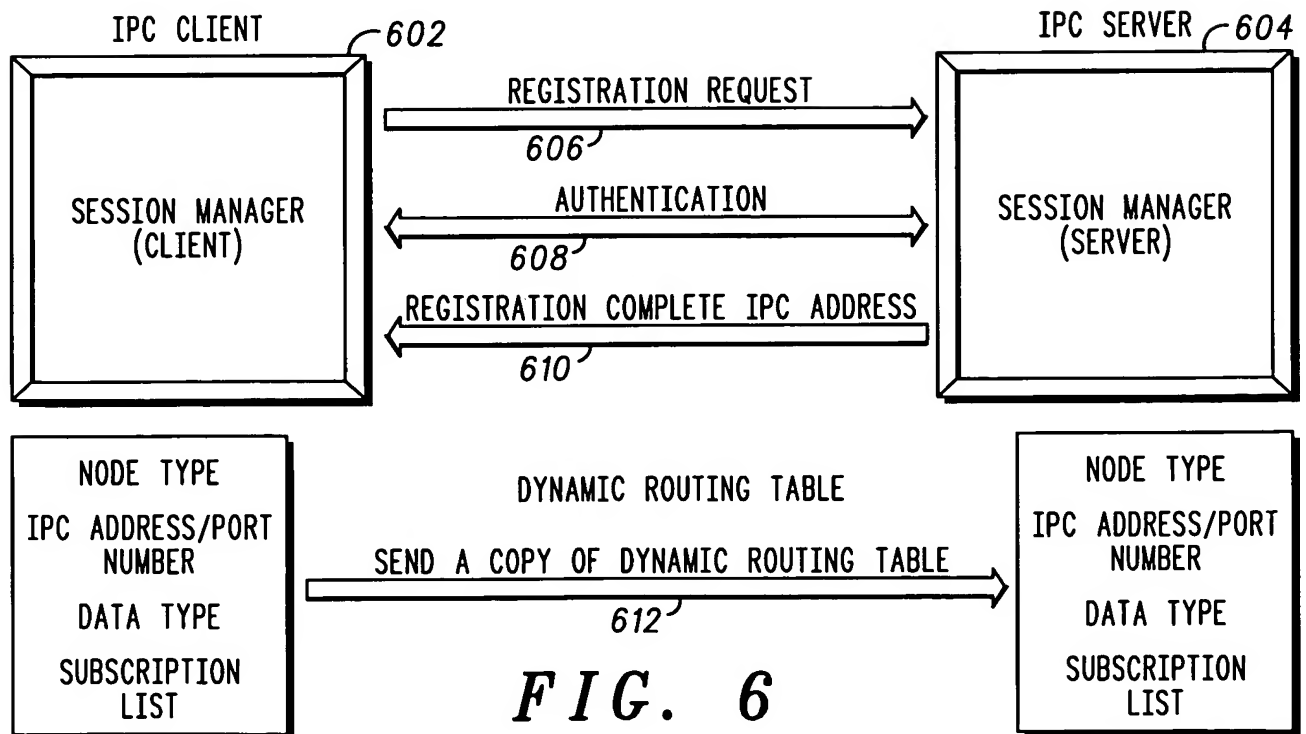


FIG. 6

4/13

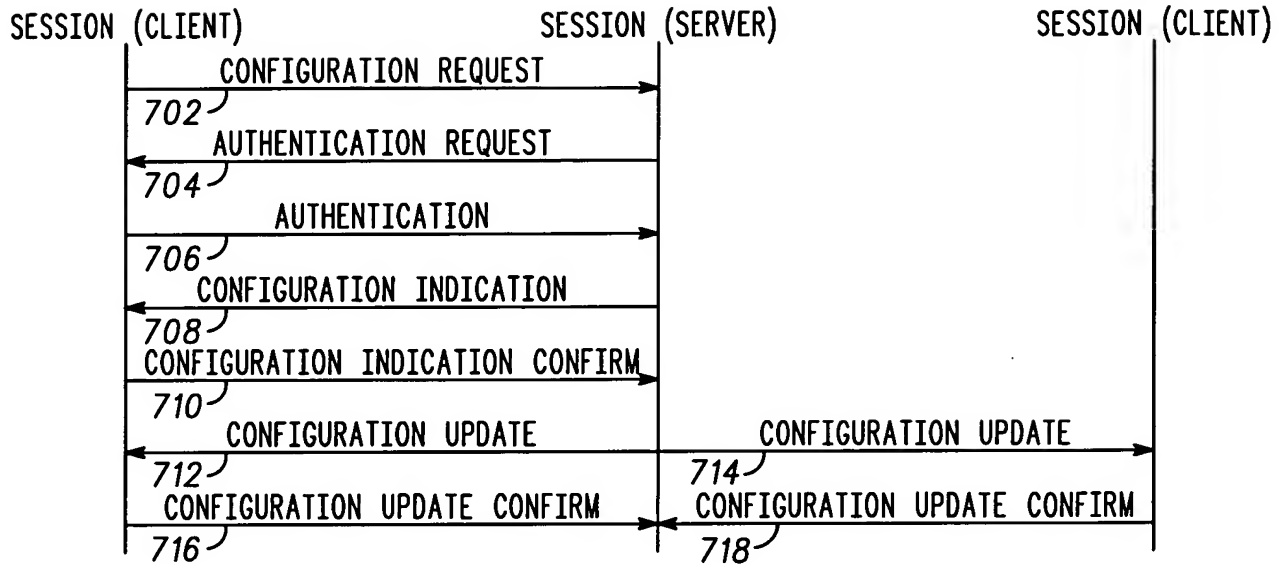


FIG. 7

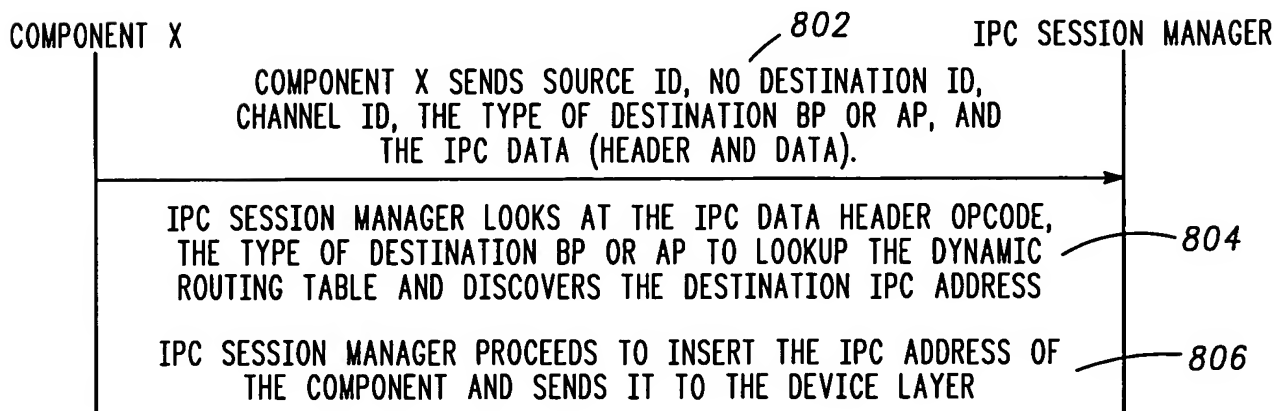


FIG. 8

5/13

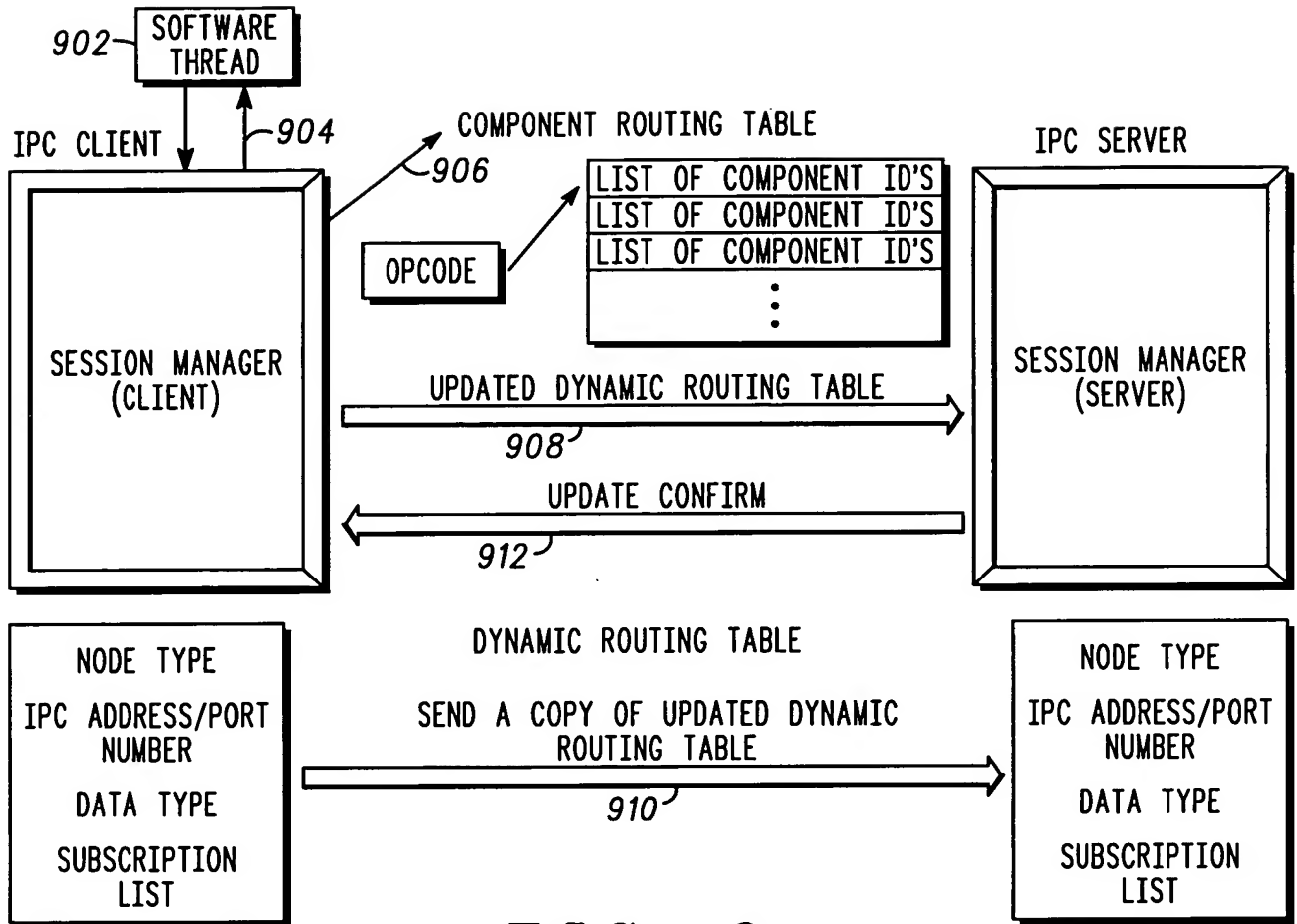


FIG. 9

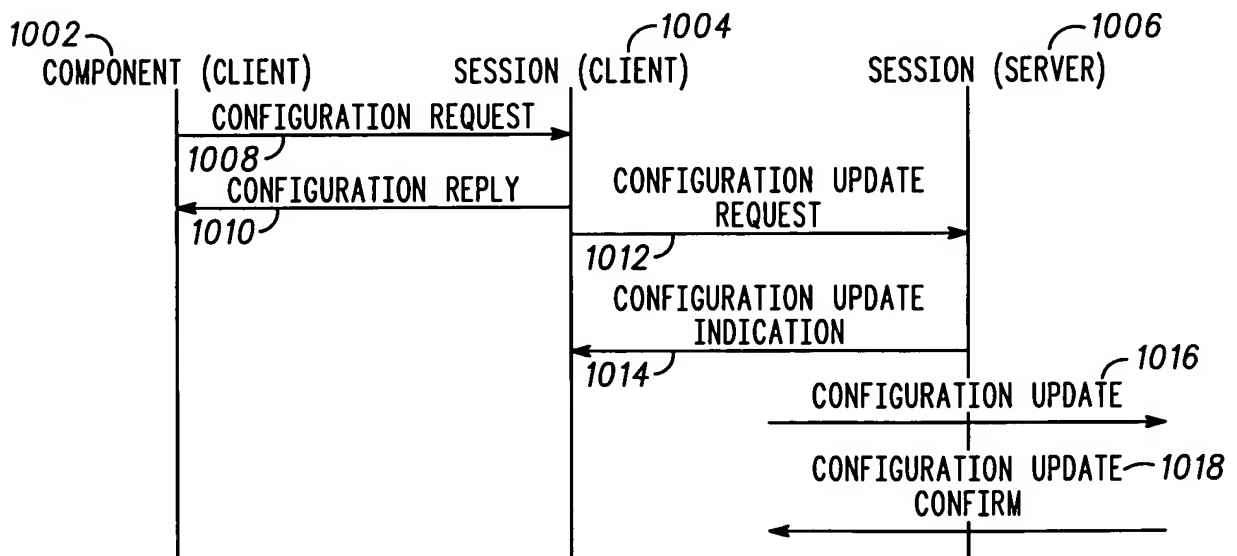


FIG. 10

6/13

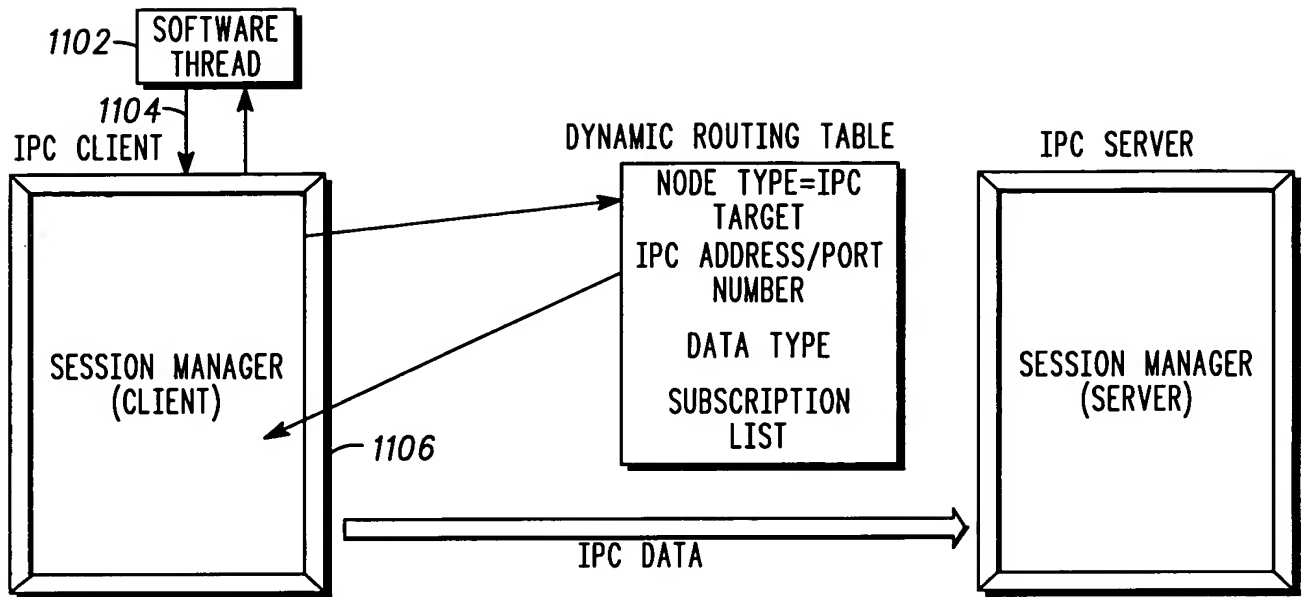


FIG. 11

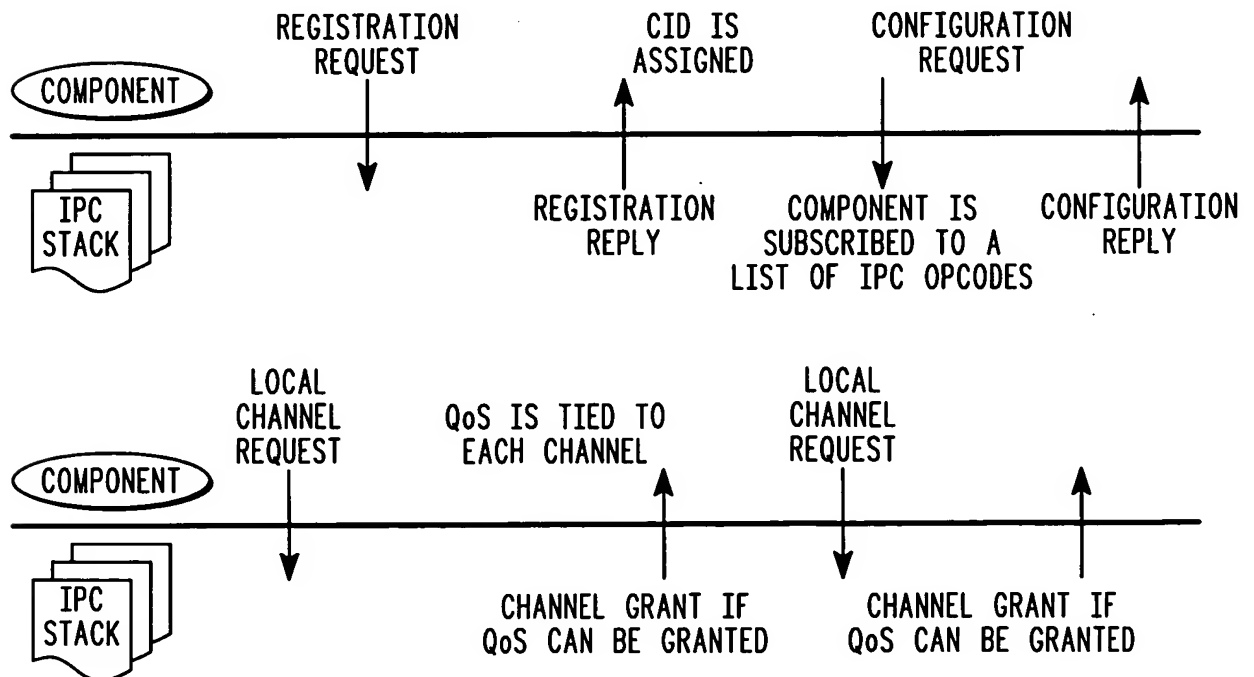


FIG. 12

7/13

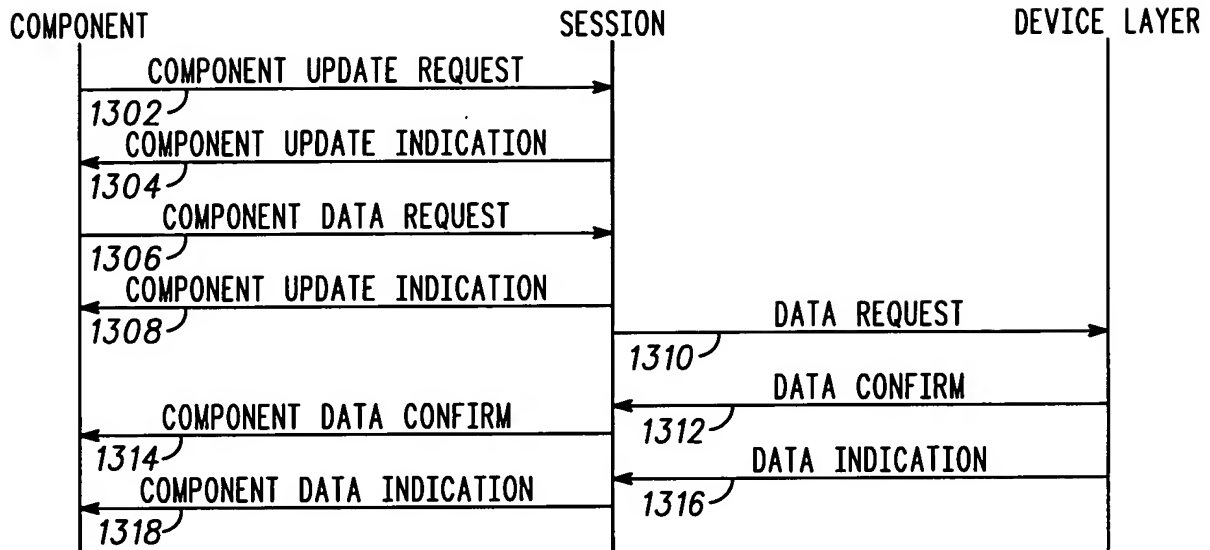


FIG. 13

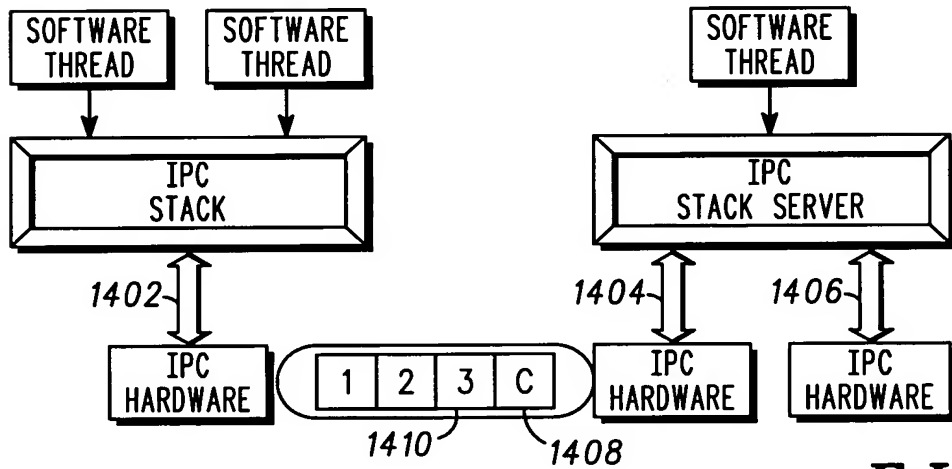


FIG. 14

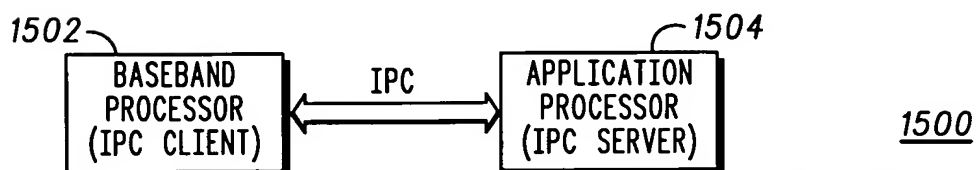


FIG. 15

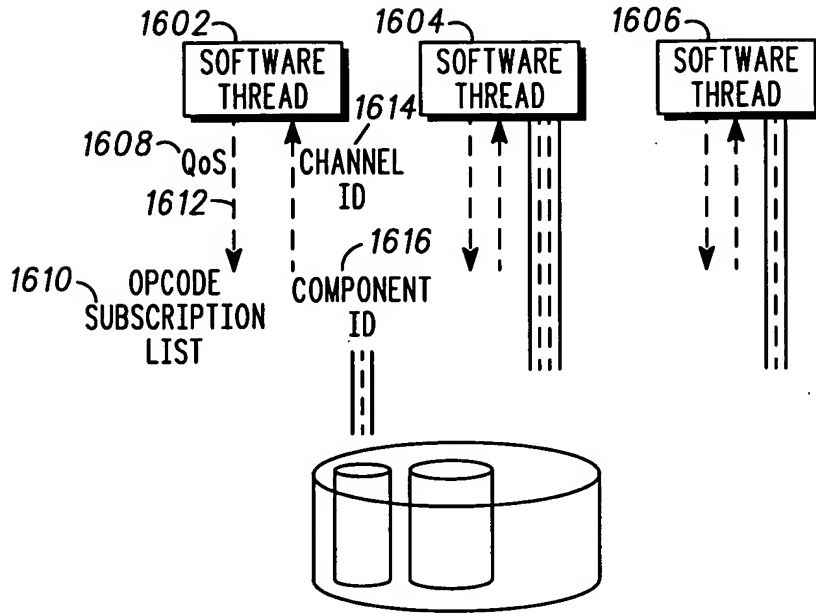


FIG. 16

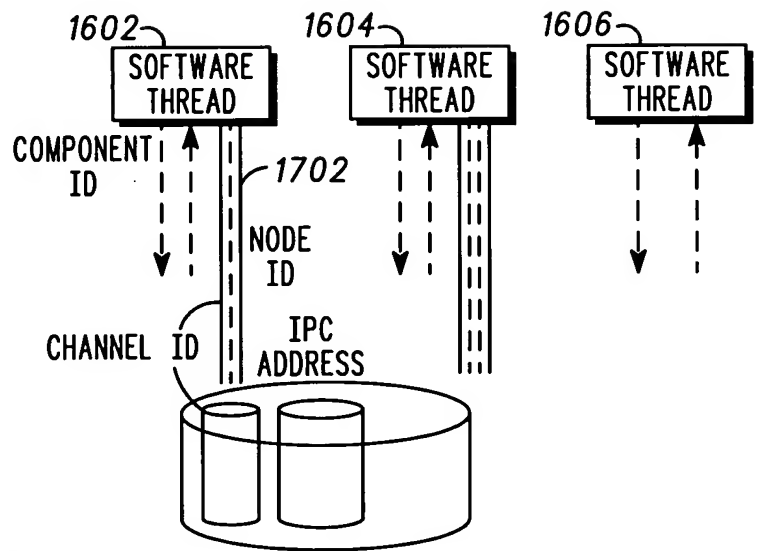


FIG. 17

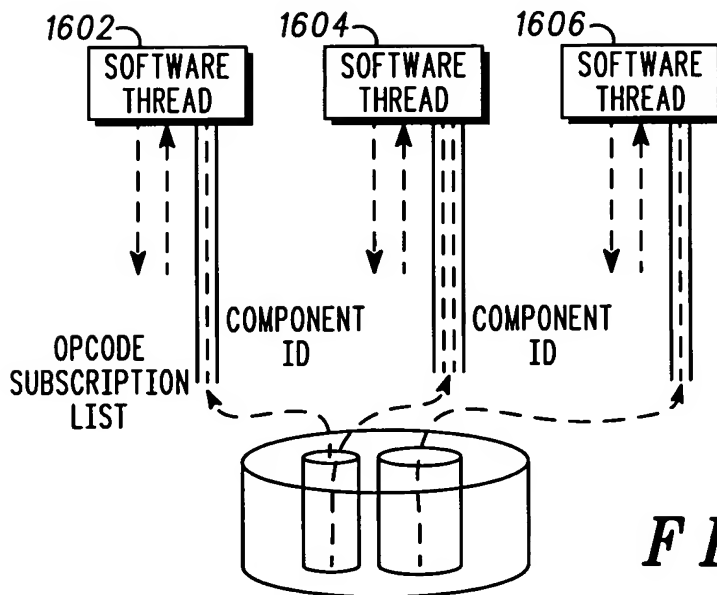


FIG. 18

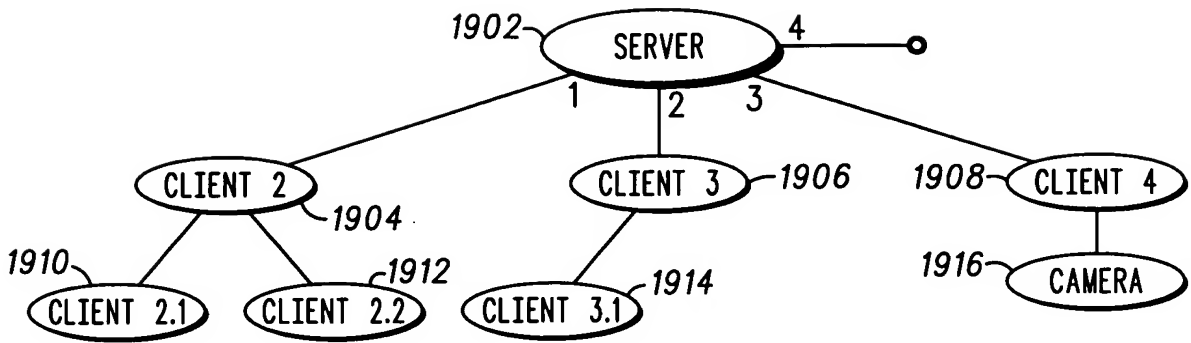


FIG. 19

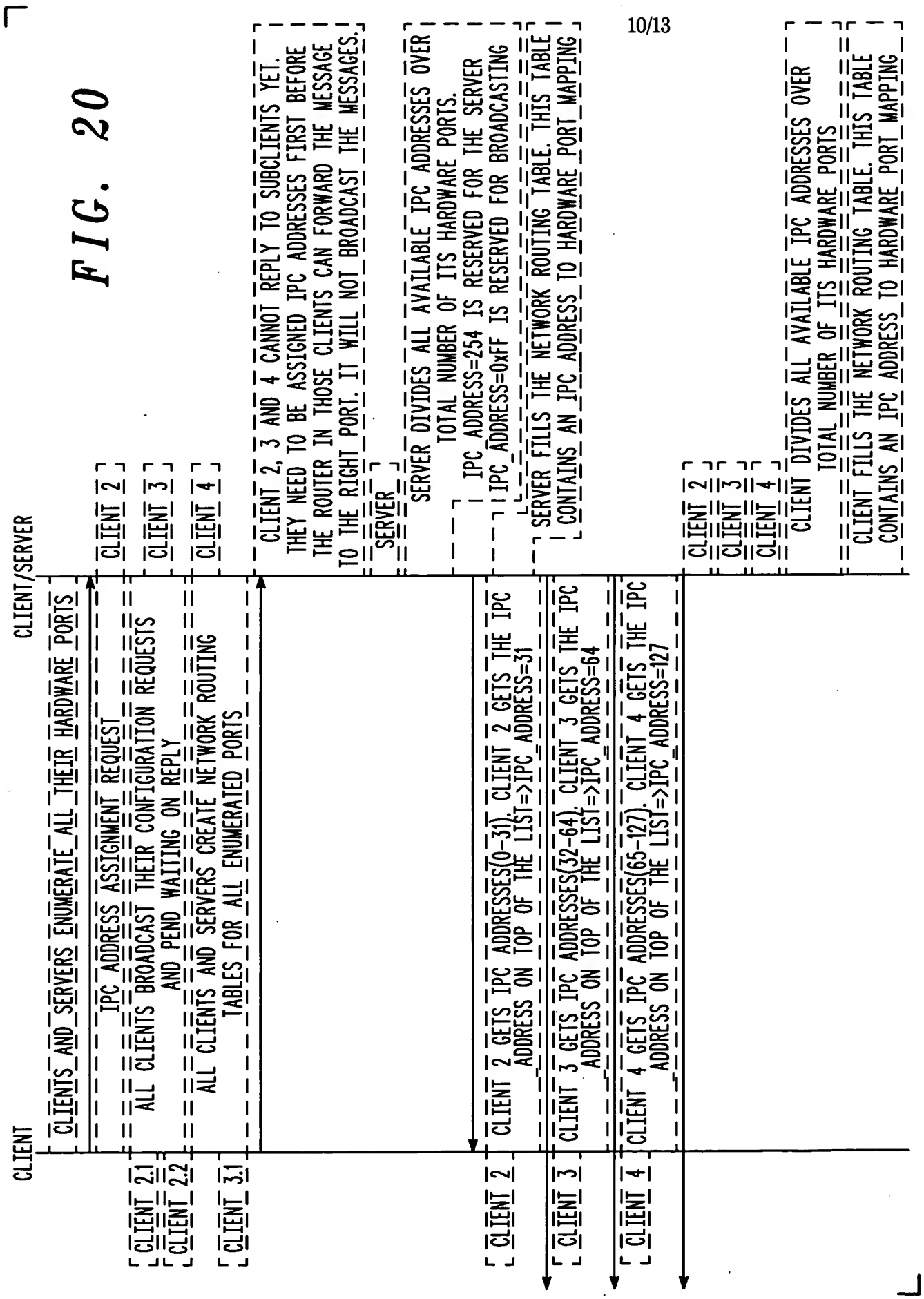
PORT NUMBER	IPC ADDRESS
1	0-31
2	32-64
3	65-127
4	.
⋮	⋮

FIG. 22

PORT NUMBER	STATUS
1	DEDICATED
2	DEDICATED
3	NOT DEDICATED
⋮	⋮

2300

FIG. 23



7

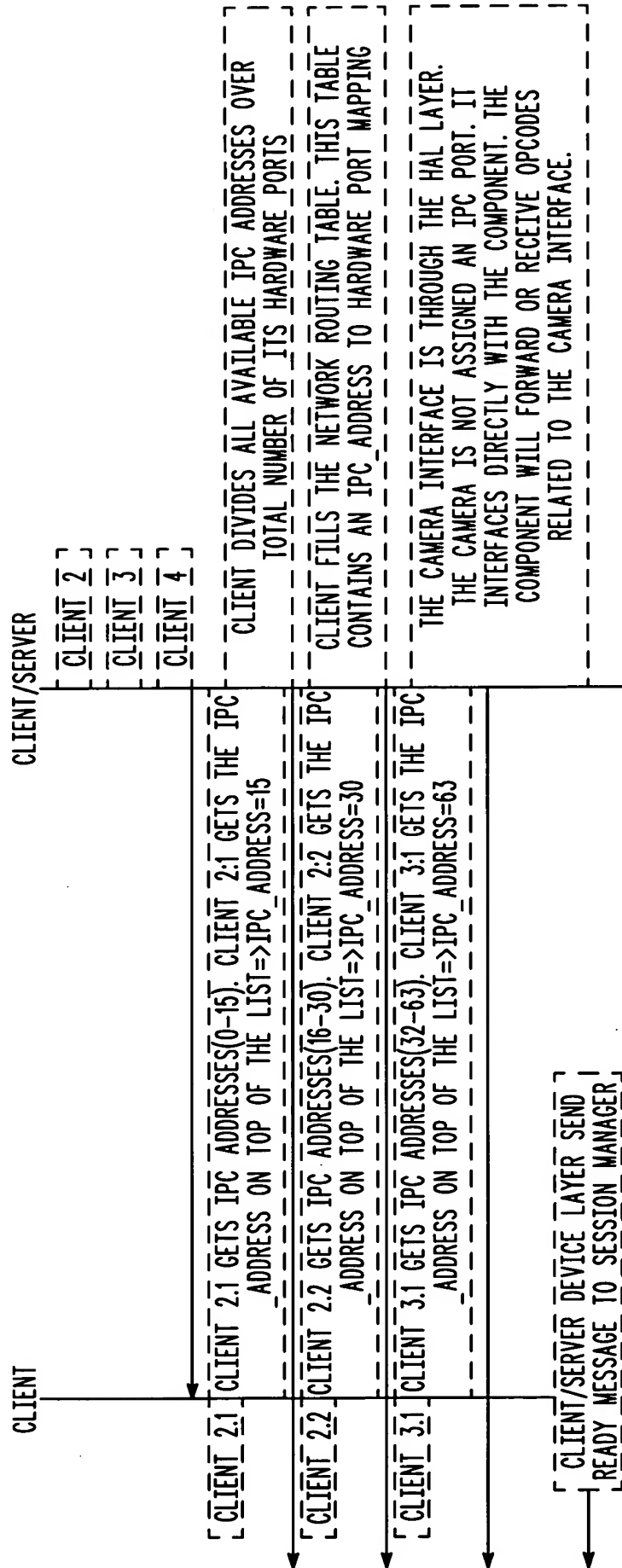


FIG. 21

L

12/13

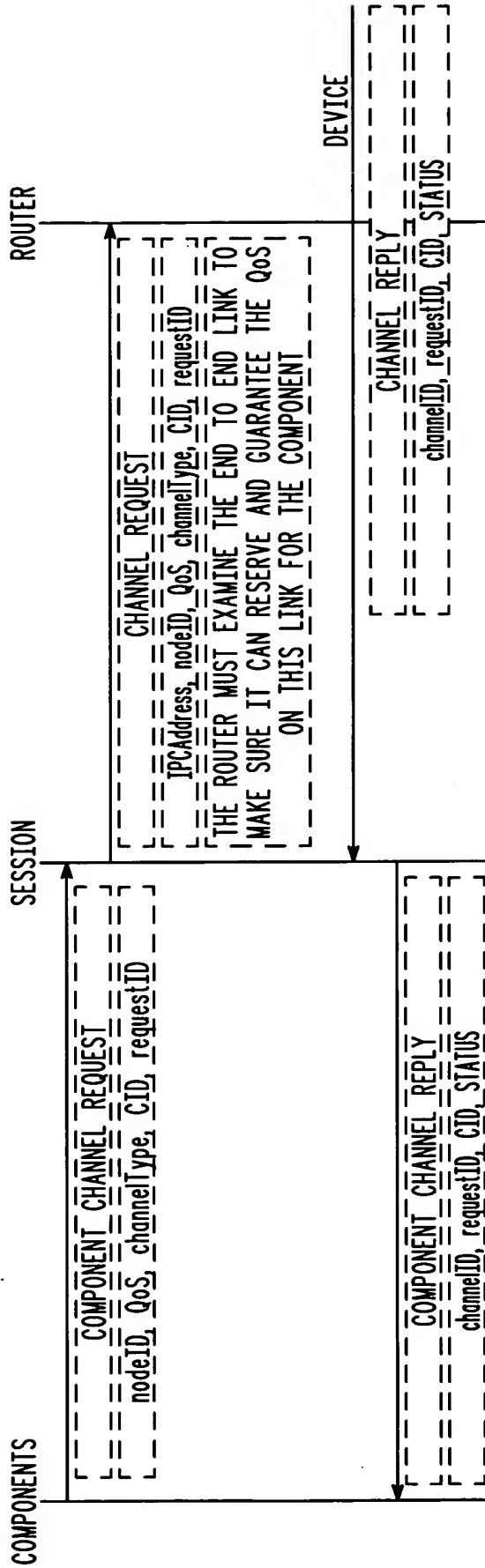


FIG. 24

FIG. 25

NEXT ROUTER IN THE PATH

DEVICE

ROUTER

SESSION

ROUTER CHANNEL REQUEST

portID, nodeID, QoS, channelType, CID, requestID

CHANNEL REPLY

channelID, requestID, CID, STATUS

PEER TO PEER REQUEST

destIPCAAddress, orgIPCAAddress, nodeID, QoS,
channelType, CID, requestID

ROUTER WAITS A PREDETERMINED TIME OUT PERIOD FOR THE DEVICE LAYER ON
THIS NODE TO ALLOCATE THE CHANNEL REQUIREMENTS FOR THE PEER TO PEER PATH
IF A TIME OUT OCCURS, A MESSAGE IS SENT TO THE ORIGINATING ROUTER TO
TERMINATE THE LINK BY RELEASING EACH CHANNEL THAT WAS RESERVED
UP TO THIS POINT

PEER TO PEER TIMEOUT REQUEST

dest IPCAAddress, orgIPCAAddress, nodeID, QoS,
channelType, CID, requestID